

JC812 U.S. PTO
01/15/02U.S. Department of Commerce
Patent and Trademark Office
PATENT

01-18-02 A

J1000 USPTO 01/15/02
10/050399

UTILITY PATENT APPLICATION TRANSMITTAL

Assistant Commissioner for Patents
Washington, D.C. 20231
BOX PATENT APPLICATIONCustomer No.: 23696
Attorney Docket No.: 010305
Date: 01/15/2002
Express Mail Label No.: EL902898016US

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Srikant Jayaraman, Ivan Jesus Fernandez Corbaton, John Edward Smee
For: DETERMINING COMBINER WEIGHTS AND LOG LIKELIHOOD RATIOS FOR SYMBOLS
TRANSMITTED ON DIVERSITY CHANNELS.

Enclosed are:

1. Patent application (23) total pages.
2. Drawings: Formal () sheet(s) or Informal (5) sheet(s).
3. Declaration/Power of Attorney: Signed Unsigned
4. This application claims priority from Application Serial No. , Filed , Status .
5. An Assignment (2) pages and Recordation Form Cover Sheet.
6. A Preliminary Amendment () pages.
7. Information Disclosure Statement (IDS):
 - a. PTO-1449
 - b. Copies of IDS Citations (number of citations: 2)
8. Other:

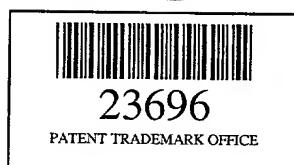
CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	20 - 20	0	x \$18 =	\$0.00
Independent**	5 - 3	2	x \$84 =	\$168.00
Multiple Dependent Claim(s):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		\$280	\$0.00
APPLICATION FILING FEE			\$740	\$740.00
			TOTAL FEE	\$908.00

*If the number in column a is less than 20, enter 0 in column b.
**If the number in column b is less than 3, enter 0 in column b.

8. A check in the amount of \$____ is enclosed to pay the filing fee.
9. Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$908.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: 01/15/2002

Signature:

Kyong H. Matel, Reg. No. 42,977
(858) 651-5797

QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-1179
Facsimile: (858) 658-2502

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
JAYARAMAN et al.) For: DETERMINING COMBINER
Application No.: UNKNOWN) WEIGHTS AND LOG
) LIKELIHOOD RATIOS FOR
) SYMBOLS TRANSMITTED ON
) DIVERSITY CHANNELS
Filed: HEREWITH) Group No. UNKNOWN

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Assistant Commissioner of Patents
BOX NEW PATENT APPLICATIONS
Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No. EL902898016US
Date of Deposit 01/15/2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, BOX PATENT APPLICATIONS, Washington, D.C. 20231.

ENCLOSED ARE:

TRANSMITTAL LETTER IN DUPLICATE;
PATENT APPLICATION (23pg.); COMBINED DECLARATION/POWER OF
ATTORNEY (Filed Signed); ASSIGNMENT, ASSIGNMENT
RECORDATION SHEET (3PGS.); INFORMATION DISCLOSURE
STATEMENT, PTO-FORM 1449 (IN DUPLICATE), 2 CITED REFERENCES,
5 SHEETS OF INFORMAL DRAWINGS; CERTIFICATE OF EXPRESS MAIL; and
POSTCARD.

Carola Emelius-Swartz

(Name)

(Signature)

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 65
Facsimile: (858) 658-2502

Attorney Docket No.: 010305
Customer No.: 23696